

#13 2721  
LTyson  
05-04-00

# THOMASON, MOSER & PATTERSON, LLP

ATTORNEYS AT LAW

THE GALLERIA  
2 BRIDGE AVENUE  
POST OFFICE BOX 8160  
RED BANK, NEW JERSEY 07701

TELEPHONE (732) 530-9404

TELEFAX (732) 530-9808

WORLD WIDE WEB: [www.thomason-moser.com](http://www.thomason-moser.com)

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

S I R:

## MODIFICATION OF POWER OF ATTORNEY

Kindly recognize the following attorneys for the applications (1-61) identified below:

Raymond R. Moser, Jr., Attorney, Reg. No. 34,368  
Kin-Wah Tong, Attorney, Reg. No. 39,400  
Eamon J. Wall, Attorney, Reg. No. 39,414

Please direct all correspondence to:

Thomason, Moser and Patterson, LLP  
2-40 Bridge Avenue  
P.O. Box 8160  
Red Bank, NJ 07701

Please direct all telephone calls to:

Kin-Wah Tong (732) 530-9404

TECH CENTER 2700

APR 17 2000

RECEIVED

1. Applicants: Fox et al.

Case: SAR12070

Serial No. 08/864,321

Filed: May 28, 1997

Group Art Unit: 2714

Title: METHOD AND APPARATUS FOR PRESERVING SYNCHRONIZATION OF  
AUDIO AND VIDEO PRESENTATION WHEN SPLICING TRANSPORT STREAMS

2. Applicants: Dieterich et al.

Case: SAR12080

Serial No. 08/816,457

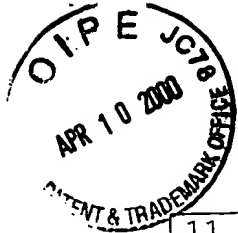
Filed: March 12, 1997

Group Art Unit: 2732

Title: METHOD AND APPARATUS FOR ANALYZING AND MONITORING PACKET  
STREAMS



- |                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>3. Applicant: Strolle<br/>Case: SAR12083<br/>Serial No. 08/869,590<br/>Filed: <b>June 5, 1997</b><br/>Group Art Unit: 2734<br/>Title: AUTOMATIC GAIN CONTROL SYSTEM THAT RESPONDS TO BASEBAND SIGNAL DISTORTION</p>                               |
| <p>4. Applicants: Sodagar et al.<br/>Case: SAR12234<br/>Serial No. 09/002,251<br/>Filed: <b>December 31, 1997</b><br/>Group Art Unit: 2723<br/>Title: APPARATUS AND METHOD FOR ENCODING WAVELET TREES GENERATED BY A WAVELET-BASED CODING METHOD</p> |
| <p>5. Applicants: Sodagar et al.<br/>Case: SAR12234A<br/>Serial No. 09/425,364<br/>Filed: <b>October 22, 1999</b><br/>Title: APPARATUS AND METHOD FOR ENCODING WAVELET TREES GENERATED BY A WAVELET-BASED CODING METHOD</p>                          |
| <p>6. Applicants: Song et al.<br/>Case: SAR12286<br/>Serial No. 09/086,838<br/>Filed: <b>May 29, 1998</b><br/>Group Art Unit: 2713<br/>Title: METHOD AND APPARATUS FOR PERFORMING HIERARCHICAL MOTION ESTIMATION USING NONLINEAR PYRAMID</p>         |
| <p>7. Applicant: Reitmeier<br/>Case: SAR12374<br/>Serial No. 09/092,776<br/>Filed: <b>June 5, 1998</b><br/>Group Art Unit: 2714<br/>Title: CHANNEL SELECTION METHODOLOGY IN AN ATSC/NTSC TELEVISION RECEIVER</p>                                     |
| <p>8. Applicants: Song et al.<br/>Case: SAR12455<br/>Serial No. 09/106,707<br/>Filed: <b>June 29, 1998</b><br/>Group Art Unit: 2721<br/>Title: APPARATUS AND METHOD FOR EMPLOYING M-ARY PYRAMIDS WITH N-SCALE TILING</p>                             |
| <p>9. Applicants: Chiang et al.<br/>Case: SAR12459<br/>Serial No. 09/022,349<br/>Filed: <b>February 11, 1998</b><br/>Group Art Unit: 2721<br/>Title: APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A CODING SYSTEM</p>                     |
| <p>10. Applicants: Dawson et al.<br/>Case: SAR12477<br/>Serial No. 09/064,696<br/>Filed: <b>April 22, 1998</b><br/>Title: ACTIVE MATRIX LIGHT EMITTING DIODE PIXEL STRUCTURE AND CONCOMITANT METHOD</p>                                              |



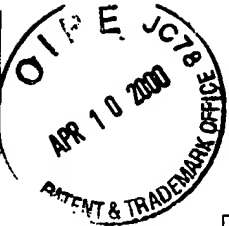
- |                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11. Applicants: Krishnamurthy et al.<br>Case: SAR12626A<br>Serial No. 09/196,072<br>Filed: <b>November 19, 1998</b><br>Title: METHOD AND APPARATUS FOR ESTIMATING MOTION USING BLOCK FEATURES OBTAINED FROM AN M-ARY PYRAMID |
| 12. Applicant: Florencio<br>Case: SAR12759<br>Serial No. 09/160,790<br>Filed: <b>September 25, 1998</b><br>Title: METHOD AND APPARATUS FOR RESIZING AN IMAGE FRAME INCLUDING FIELD-MODE ENCODING                             |
| 13. Applicants: Krishnamurthy et al.<br>Case: SAR12802<br>Serial No. 09/295,878<br>Filed: <b>April 21, 1999</b><br>Title: METHOD AND APPARATUS FOR BLOCK CLASSIFICATION AND ADAPTIVE BIT ALLOCATION                          |
| 14. Applicants: Reitmeir et al.<br>Case: SAR12836A<br>Serial No. 09/292,693<br>Filed: <b>April 15, 1999</b><br>Title: REGION-BASED INFORMATION COMPACTION AS FOR DIGITAL IMAGES                                              |
| 15. Applicants: Sethuraman et al.<br>Case: SAR12976<br>Serial No. 09/285,582<br>Filed: <b>April 2, 1999</b><br>Group Art Unit: 2713<br>Title: METHOD AND APPARATUS FOR ENCODING VIDEO INFORMATION                            |
| 16. Applicants: Florencio et al.<br>Case: SAR12995<br>Serial No. 09/127,451<br>Filed: <b>July 31, 1998</b><br>Group Art Unit: 2713<br>Title: METHOD AND APPARATUS FOR REDUCING BREATHING ARTIFACTS IN COMPRESSED VIDEO       |
| 17. Applicants: Reitmeier et al.<br>Case: SAR13009<br>Serial No. 09/183,249<br>Filed: <b>October 30, 1998</b><br>Title: INFORMATION DISTRIBUTION SYSTEM EXHIBITING DEMOGRAPHIC AFFINITY                                      |
| 18. Applicant: White<br>Case: SAR13018<br>Serial No. 09/143,813<br>Filed: <b>August 31, 1998</b><br>Group Art Unit: 2711<br>Title: SYMBOL SIGN DIRECTED PHASE DETECTION                                                      |
| 19. Applicants: Pejhan et al<br>Case: SAR13172<br>Serial No. 09/338,614<br>Filed: <b>June 23, 1999</b><br>Title: METHOD AND APPARATUS FOR PROVIDING VCR-TYPE CONTROLS FOR COMPRESSED DIGITAL VIDEO SEQUENCES                 |



20. Applicants: Spence et al. Case: SAR11765B Serial No. 09/464,506 Filed: <b>December 15, 1999</b> Title: METHOD AND APPARATUS FOR TRAINING A NEURAL NETWORK TO DETECT OBJECTS IN AN IMAGE
21. Applicants: Lu et al. Case: SAR13517 Serial No. 09/461,929 Filed: <b>December 15, 1999</b> Title: METHOD AND APPARATUS FOR DECIMATING AN OVERSAMPLED SIGNAL
22. Applicants: Ward et al. Case: SAR13235 Serial No. 09/347,213 Filed: <b>July 2, 1999</b> Title: FRAME-ACCURATE SEAMLESS SPLICING OF INFORMATION STREAMS
23. Applicant: Wixson Case: SAR13352 Serial No. 09/434,028 Filed: <b>November 4, 1999</b> Title: METHOD AND APPARATUS FOR DETECTING SALIENT MOTION USING OPTICAL FLOW
24. Applicants: Christine et al. Case: SAR13083 Serial No. 09/449,894 Filed: <b>November 30, 1999</b> Title: COMMAND AND CONTROL ARCHITECTURE FOR AUDIO DECODER AND A HOST
25. Applicants: Christine et al. Case: SAR13082 Serial No. 09/449,897 Filed: <b>November 30, 1999</b> Title: COMMAND AND CONTROL ARCHITECTURE FOR A VIDEO DECODER AND A HOST
26. Applicants: Christine et al. Case: SAR13081 Serial No. 09/449,893 Filed: <b>November 30, 1999</b> Title: COMMAND AND CONTROL ARCHITECTURE FOR A VIDEO DECODER AND AN AUDIO DECODER
27. Applicants: Florencio et al. Case: SAR12466 Serial No. 09/024,084 Filed: <b>February 18, 1998</b> Title: METHOD AND APPARATUS FOR RECOVERING QUANTIZED COEFFICIENTS
28. Applicant: Bergen Case: SAR12954 Serial No. 09/100,853 Filed: <b>June 19, 1998</b> Title: METHOD AND APPARATUS FOR IMPROVING IMAGE RESOLUTION
29. Applicant: Reed, Jr. Case: SAR12884 Serial No. 09/115,937 Filed: <b>July 15, 1998</b> Title: METHOD AND APPARATUS FOR DETECTING CO-CHANNEL INTERFERENCE AND SELECTIVELY FILTERING THE INTERFERENCE WHEN DETECTED



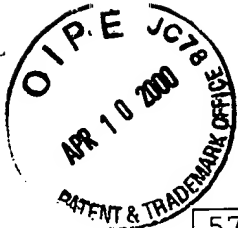
- |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30. Applicant: Ward<br>Case: SAR12476<br>Serial No. 09/255,949<br>Filed: <b>February 23, 1999</b><br>Title: METHOD AND APPARATUS FOR DISTRIBUTING A GLOBALLY ACCURATE KNOWLEDGE OF TIME AND FREQUENCY TO A PLURALITY OF A HIGH DEFINITION TELEVISION STUDIOS |
| 31. Applicant: Miiler<br>Case: SAR12828<br>Serial No. 09/320,914<br>Filed: <b>May 27, 1999</b><br>Title: METHOD AND APPARATUS FOR ADAPTING MEMORY RESOURCE UTILIZATION IN AN INFORMATION STREAM DECODER                                                      |
| 32. Applicants: Hurst et al.<br>Case: SAR13538<br>Serial No. 09/430,631<br>Filed: <b>October 29, 1999</b><br>Title: METHOD FOR GENERATING AND PROCESSING TRANSITION STREAMS                                                                                  |
| 33. Applicant: Freeman<br>Case: SAR12885<br>Serial No. 09/382,934<br>Filed: <b>August 25, 1999</b><br>Title: METHOD OF MEMORY UTILIZATION IN A PREDICTIVE VIDEO DECODER                                                                                      |
| 34. Applicant: Shideleff<br>Case: SAR12852<br>Serial No. 09/163,636<br>Filed: <b>September 30, 1998</b><br>Title: DIGITAL TELEVISION RECEIVER HAVING A PLURALITY OF COMPRESSED SIGNAL DECODERS                                                               |
| 35. Applicant: Hurst<br>Case: SAR13543<br>Serial No. 09/430,644<br>Filed: <b>October 29, 1999</b><br>Title: FRAME-ACCURATE SEAMLESS SPLICING OF INFORMATION STREAMS                                                                                          |
| 36. Applicants: Reitmeier et al.<br>Case: SAR13070<br>Serial No. 09/182,933<br>Filed: <b>October 30, 1998</b><br>Title: SECURE INFORMATION DISTRIBUTION SYSTEM UTILIZING INFORMATION SEGMENT SCRAMBLING                                                      |
| 37. Applicant: Florencio<br>Case: SAR13053<br>Serial No. 09/286,760<br>Filed: <b>April 6, 1999</b><br>Title: APPARATUS AND METHOD FOR ENCODING WAVELET TREES GENERATED BY A WAVELET-BASED CODING METHOD                                                      |
| 38. Applicant: Lee<br>Case: SAR12617<br>Serial No. 09/099,617<br>Filed: <b>June 18, 1998</b><br>Title: APPARATUS AND METHOD FOR MACROBLOCK BASED RATE CONTROL IN A CODING                                                                                    |



39. Applicant: Reitmeier Case: SAR12661 Serial No. 09/001,619 Filed: December 31, 1997 Title: COMPRESSION ENCODER BIT ALLOCATION UTILIZING COLORMETRIC-ADAPTIVE WEIGHTING AS IN FLESH-TONE WEIGHTING
40. Applicant: Reitmeier Case: SAR12213 Serial No. 09/001,596 Filed: December 31, 1997 Title: FORMAT AND FRAME RATE CONVERSION FOR DISPLAY OF 24HZ SOURCE VIDEO
41. Applicants: Spence et al. Case: SAR11765A Serial No. 09/349,742 Filed: July 8, 1999 Title: METHOD AND APPARATUS FOR TRAINING A NEURAL NETWORK TO LEARN HIERARCHICAL REPRESENTATIONS OF OBJECTS AND TO DETECT AND CLASSIFY WITH UNCERTAIN TRAINING DATA
42. Applicants: Bhatt et al. Case: SAR12419 Serial No. 08/864,310 Filed: May 28, 1997 Title: METHOD AND APPARATUS FOR SPLICING COMPRESSED INFORMATION SIGNALS
43. Applicant: Li Case: SAR12996 Serial No. 09/153,717 Filed: September 15, 1998 Title: COMPUTATIONALLY EFFICIENT INVERSE DISCRETE COSINE TRANSFORM METHOD AND APPARATUS
44. Applicant: Acampora Case: SAR12406 Serial No. 08/858,634 Filed: May 19, 1997 Title: METHOD AND APPARATUS FOR TIME BASE RECOVERY AND PROCESSING
45. Applicant: Sethauraman Case: SAR12411 Serial No. 09/105,730 Filed: June 26, 1998 Title: METHOD AND APPARATUS FOR ADAPTIVELY ENCODING AN INFORMATION STREAM
46. Applicants: Tinker et al Case: SAR12831 Serial No. 09/092,225 Filed: June 5, 1998 Title: ENHANCED MPEG INFORMATION DISTRIBUTION APPARATUS AND METHOD
47. Applicants: Alonso et al. Case: SAR12103 Serial No. 08/997,269 Filed: December 22, 1997 Title: INTERACTIVE WORLD WIDE WEB ACCESS USING A SET TOP TERMINAL IN A VIDEO ON DEMAND SYSTEM



- |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 48. Applicant: Reitmeier<br>Case: SAR12712<br>Serial No. 08/978,018<br>Filed: <b>November 25, 1997</b><br>Title: CHANNEL SCANNING AND CHANNEL CHANGE LATENCY REDUCTION IN AN ATSC TELEVISION RECEIVER                                           |
| 49. Applicants: Reitmeier et al.<br>Case: SAR12713<br>Serial No. 09/001,952<br>Filed: <b>December 31, 1997</b><br>Title: SYNCHRONIZED MULTIPLE FORMAT VIDEO PROCESSING METHOD AND APPARATUS                                                     |
| 50. Applicant: Florencio<br>Case: SAR12602<br>Serial No. 09/001,205<br>Filed: <b>December 30, 1997</b><br>Title: METHOD AND APPARATUS FOR IMBEDDING A WATERMARK INTO A BITSTREAM REPRESENTATION OF A DIGITAL IMAGE SEQUENCE                     |
| 51. Applicants: Anderson et al.<br>Case: SAR12130<br>Serial No. 08/950,505<br>Filed: <b>September 16, 1997</b><br>Title: SET TOP TERMINAL FOR AN INTERACTIVE INFORMATION DISTRIBUTION SYSTEM                                                    |
| 52. Applicants: Hanna et al.<br>Case: SAR13422<br>Serial No. 09/384,118<br>Filed: <b>August 27, 1999</b><br>Title: METHOD AND APPARATUS FOR PROCESSING IMAGES                                                                                   |
| 53. Applicants: Hanna et al.<br>Case: SAR13165<br>Serial No. 09/384,396<br>Filed: <b>August 27, 1999</b><br>Title: METHOD AND APPARATUS FOR SYNTHESIZING HIGH-RESOLUTION IMAGERY USING ONE HIGH-RESOLUTION CAMERA AND A LOWER RESOLUTION CAMERA |
| 54. Applicant: Panaro<br>Case: SAR12006A<br>Serial No. 08/967,697<br>Filed: <b>November 10, 1997</b><br>Title: BITSTREAM FOR EVALUATING A PREDICTIVE VIDEO ENCODER AND A METHOD OF GENERATING SAME                                              |
| 55. Applicants: Ward et al.<br>Case: SAR12198<br>Serial No. 09/027,602<br>Filed: <b>February 23, 1998</b><br>Title: MEDIA ACCESS CONTROL PROTOCOL                                                                                               |
| 56. Applicants: Carlson et al.<br>Case: SAR12228<br>Serial No. 08/970,889<br>Filed: <b>November 14, 1997</b><br>Title: METHOD AND APPARATUS FOR EFFICIENTLY REPRESENTING, STORING AND ACCESSING VIDEO INFORMATION                               |



57. Applicants: Hurst Jr.

Case: SAR12681

Serial No. 09/001,199

Filed: December 30, 1997

Title: REDUCED-COST DECODER USING BITSTREAM EDITING FOR IMAGE CROPPING

58. Applicants: Sethuraman et al.

Case: SAR12874

Serial No. 09/295,526

Filed: April 21, 1999

Title: METHOD AND APPARATUS FOR REGION-BASED ALLOCATION OF PROCESSING RESOURCES AND CONTROL OF INPUT IMAGE FORMATION

59. Applicants: Bleidt et al.

Case: SAR11485A

Serial No. 08/847,590

Filed: April 24, 1997

Title: METHOD OF STRIPPING A DATA STREAM ONTO SUBSETS OF STORAGE DEVICES IN A MULTIPLE USER DATA DISTRIBUTION SYSTEM (AS AMENDED)

60. Applicants: Reitmeier et al.

Case: SAR11733

Serial No. 08/884,666

Filed: June 27, 1997

Title: A VERY LOW BIT RATE VIDEO CODING/DECODING METHOD AND APPARATUS

61. Applicants: Martucci et al.

Case: SAR12193A


Serial No. 09/177,219

Filed: October 22, 1998

Title: APPARATUS AND METHOD FOR ENCODING ZEROTREES GENERATED BY A WAVELET-BASED CODING TECHNIQUE

Respectfully submitted,

6 April 2000  
date


  
\_\_\_\_\_  
John V. Silverio  
Reg. No. 34,014  
Attorney for Applicant  
Sarnoff Corporation





CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on April 7, 2002 with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Signature

4-7-00  
Date of signature